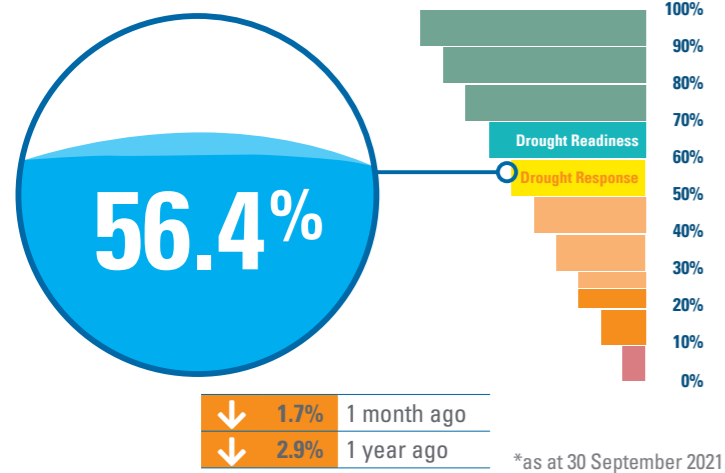



Overall Water Security Position



As we move through Spring, the SEQ Water Grid storage levels have continued to drop, even with recent rainfall. Although the BOM is predicting favourable conditions over the next few months, significant rainfall within the Brisbane water supply catchments is required to improve water grid storage levels.

Wivenhoe and Somerset Dam (Somerset flows into Wivenhoe) continue to be areas of interest as Wivenhoe and Somerset's combined level is 46.0%, which is 5.7% lower than the same time a year ago.



Wivenhoe/Somerset

Full supply capacity **1,545,089 ML¹**
Current capacity **712,064 ML**

↓ 0.07% 1 week ago
↓ 1.4% 1 month ago
↓ 5.8% 1 year ago

STORAGE LEVEL 46%

¹combined dam levels

82.9%

Baroon Pocket

62.2%

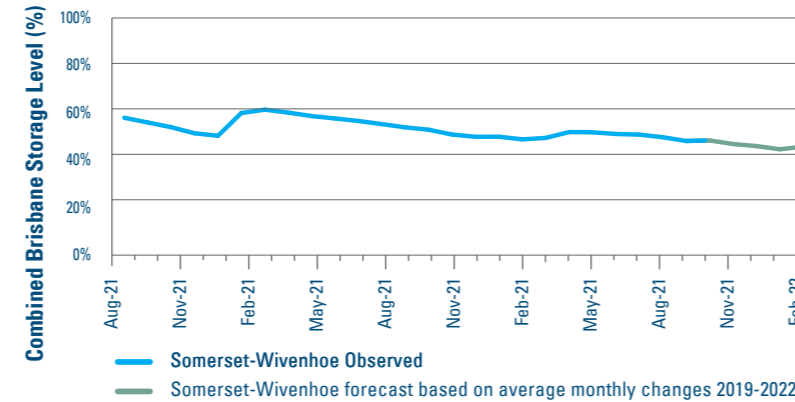
North Pine
(Lake Samsonvale)

92.2%

Hinze

Purified Recycled Water (PRW) continues to be supplied to industry, substituting water that otherwise would have been taken from the Wivenhoe Dam. This initiative is helping to us to preserve the grid water supply. 3,986 ML has been supplied to industry since 15 September 2020. Two additional trains at Luggage Point Advanced Water Treatment Plant are currently being recommissioned to triple the supply of PRW available to industry; reducing the demand on the grid further.

Wivenhoe and Somerset future levels should recent conditions repeat



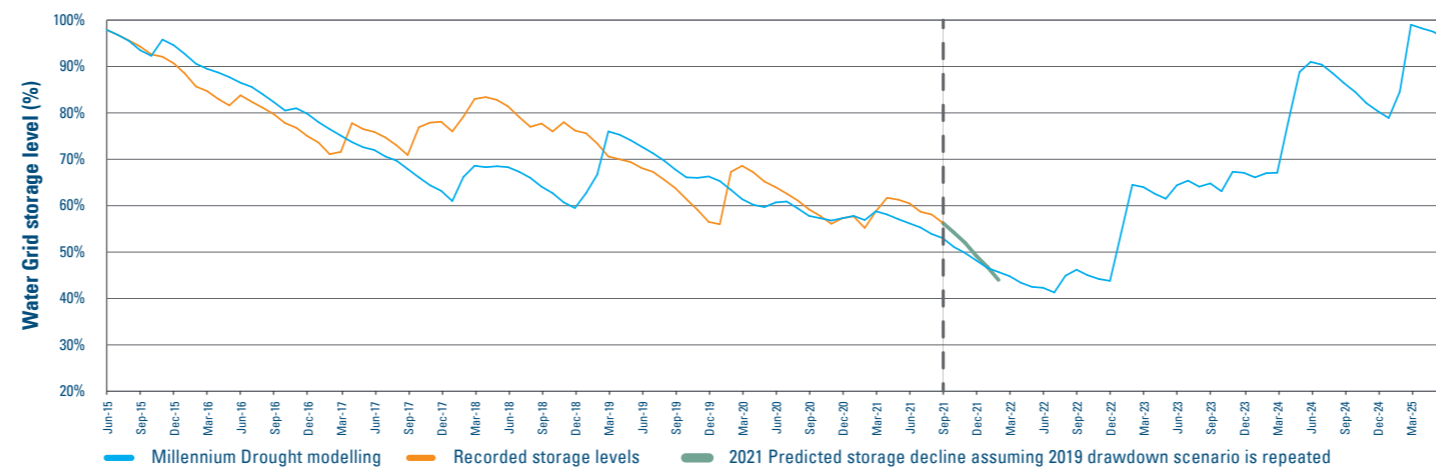
Water Grid storage

Water Grid storage actual draw down to September 2021 with projected drawdown to January 2022.

The SEQ Water Grid drawdown graph shows historical storage data and a projected five month drawdown if the rate observed during the dry calendar year of 2019 was repeated.¹ The 2019 data is used because it was a particularly dry year. The Water Grid storage could reach 50% as soon as December 2021 if dry conditions, as observed in 2019, were to continue from October onwards. The Millennium Drought is shown with today's demand, current grid and drought response plan to compare drawdowns over an extended drought period (see Figure 1).

1. This projected drawdown does not account for differences in demand and supply conditions, such as continued operation of the Gold Coast Desalination Plant.

Figure 1: Water Grid storage drawdowns



End of month storage decline assuming a repeat of the particularly dry 2019 year (2020 data not used):

Oct 21 - 54.2% | Nov 21 - 52.0% | Dec 21 - 49.2% | Jan 22 - 46.8% | Feb 22 - 44.0%

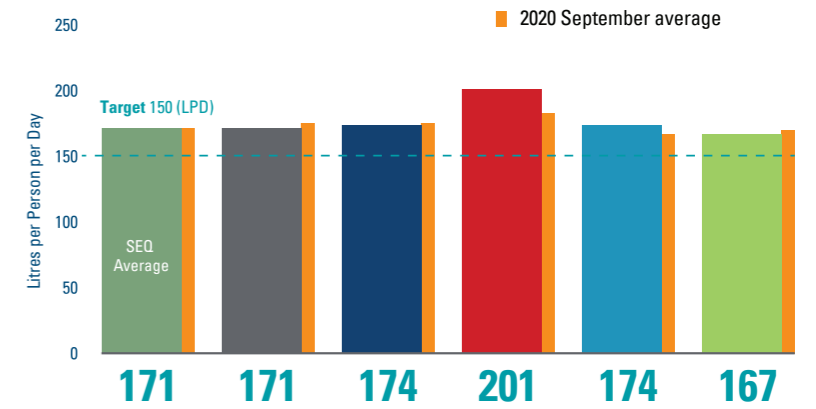


Average Daily Residential Consumption

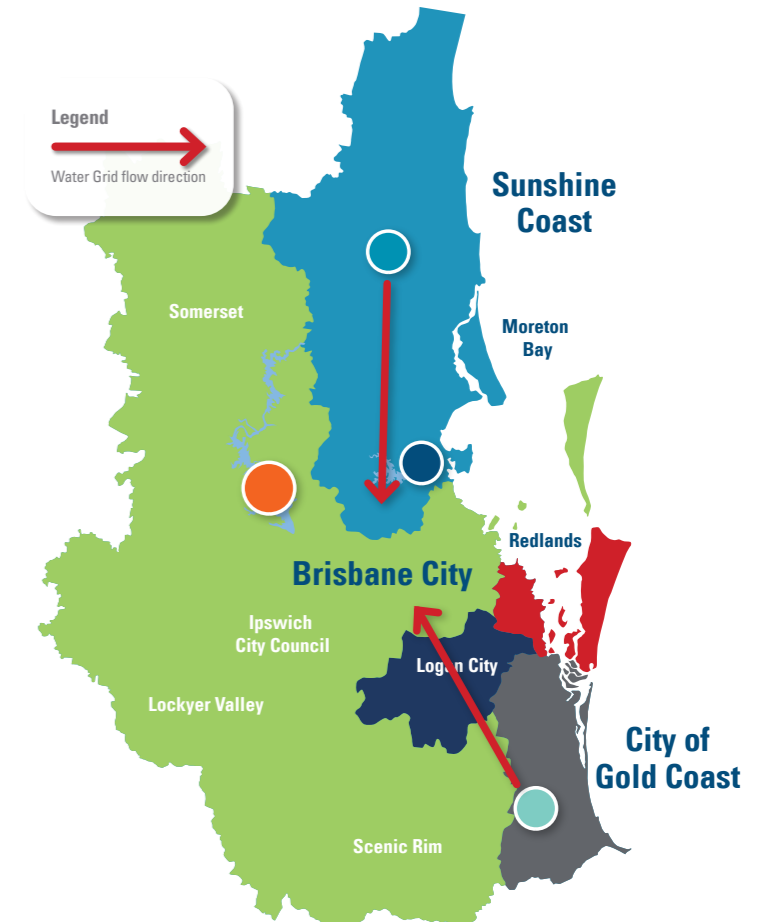
Average daily consumption this month was 171 litres per person per day (LPD) which is an increase from last month (August average was 155 LPD).

With the grid level well below 60%, we continue to operate in drought response mode and Seqwater continues to encourage the community to be water efficient.

It is recognised that if significant rainfall does not occur the water grid storages may reduce to 50%, potentially as early as December 2021. Seqwater and the Water Service Providers are therefore preparing for potential water restrictions for the approaching summer.



*Data range is 2/09/2021 - 29/09/2021 and 3/09/2020 - 30/09/2020



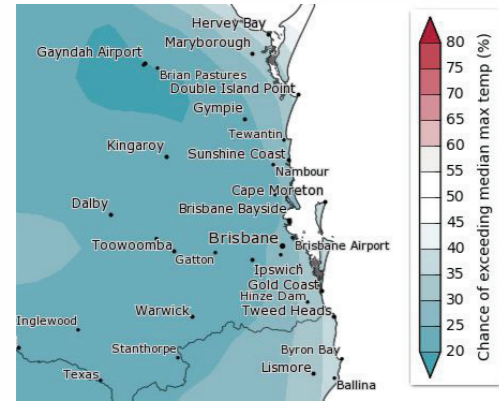
The Southern Regional Water Pipeline has operated in the northern direction and the Northern Pipeline Interconnector has predominantly operated in the southern direction for this month, transferring water into the Central Region.

The Gold Coast Desalination Plant continues to operate to slow the drawdown of dam storages. Since Drought Response was initiated 15 September 2020, the desalination plant has contributed 22,987 ML to the grid.

Weather outlook

Temperature

The Bureau of Meteorology (BOM) outlook is that there is a 20-30% (relatively low) chance of exceeding median max temperature in October to December 2021.



<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

Rainfall

The BOM outlook is that there is a 60-75% chance of exceeding median rainfall October to December 2021.



<http://www.bom.gov.au/climate/outlooks/#/rainfall/median/seasonal/0>

Likelihood of grid levels improving in the short term

There is not considered to be a high likelihood of grid levels improving materially in the short term - while BoM predict a wetter than average October, October does not typically receive large amounts of rain. Chances of the water grid storages noticeably improving increase over summer, however summer is also associated with higher evaporation and water demand. It is therefore considered prudent to continue to plan for declining water grid storage levels.

Off-grid community drought status

Off-grid communities are not connected to the SEQ Water Grid. This table has been updated as at 30 September 2021

Sunshine Coast Regional Council

| | | | | |
|---|------------|--------------------------------------------------------------------|---|---|
| 1 | Kenilworth | Wells near the Mary River; Bellbird Creek stream flow ~0.37 ML/day | ● | ● |
|---|------------|--------------------------------------------------------------------|---|---|

Moreton Bay Regional Council

| | | | | |
|---|---------|-------------------------------------------------------------------|---|---|
| 2 | Dayboro | Dayboro Borefield; well no. 1 standing water level RL 40.88 m AHD | ● | ● |
| | | North Pine River; stream flow ~30 ML/day | | |

Somerset Regional Council

| | | | | |
|---|----------|-------------------------------------------------------|---|---|
| 3 | Jimna | Yabba Creek; water not flowing over The Big Hole Weir | ● | ● |
| 4 | Linville | Brisbane River at Linville; stream flow ~ 2.98 ML/day | ● | ● |

Redland City Council

| | | | | |
|---|---------------|-------------------------------------------------------------------------|---|---|
| 5 | Amity Point | | | |
| 6 | Point Lookout | North Stradbroke Island Groundwater; standing water level 17.256 m AHD* | ● | ● |
| 7 | Dunwich | | | |

Scenic Rim Regional Council

| | | | | |
|----|------------|----------------------------------------------|---|---|
| 8 | Kalbar | Moogerah Dam 39.6% | ● | ● |
| | | (Boonah, Aratula and Mount Alford) | | |
| 9 | Canungra | Canungra Creek; stream flow ~ 20.11 ML/day** | ● | ● |
| 10 | Beaudesert | | | |
| 11 | Kooralbyn | Maroon Dam 98.6% | ● | ● |
| 12 | Rathdowney | | | |

Water source status
Restriction status

Water source status

- Source meeting demand
- Approaching water carting
- Supplementary carting
- Full carting

Restrictions status

- Water efficiency awareness
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater

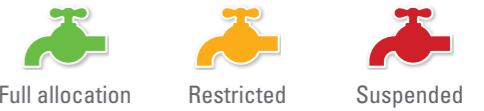
*The bore chosen has the most reliable and up-to-date data that can be continuously monitored.
**Underlying flow 9-11 ML/day.



Water supply scheme status

Seqwater supplies water to rural landholders and businesses that are licensed to take water from dams and waterways via water supply schemes. The amount of water that can be extracted by licensed irrigators varies according to local water conditions. In times of drought or low flows, irrigation entitlements may be restricted or suspended.

This data has been updated as at 30 September 2021.



| | | | | |
|---|---------------------------------------------|--------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------|
| 1 | Cedar Pocket Water Supply Scheme | Cedar Pocket Dam currently 73.2% (down 15.4% from last month) | Announced allocations | Medium Priority 100% |
| 2 | Mary Valley Water Supply Scheme | Borumba Dam currently 76.2% (down 4.4% from last month) | Announced allocations | Medium Priority 96% (also supplies high priority) |
| 3 | Central Brisbane Water Supply Scheme | Wivenhoe Dam/Somerset Dam currently 46.08% (down 1.4% from last month) | Announced allocations | Medium Priority 70% (also supplies high priority) |
| 4 | Lower Lockyer Water Supply Scheme | Atkinson Dam currently 3.5% (down 0.4% from last month) | Announced allocations | Medium Priority 0% |
| 5 | Warrill Valley Water Supply Scheme | Moogerah Dam currently 39.6% (down 2% from last month) | Announced allocations | Medium Priority 80% (also supplies high priority) |
| 6 | Logan River Water Supply Scheme | Maroon Dam currently 98.6% (down 1% from last month) | Announced allocations | Medium Priority 100% (also supplies high priority) |
| 7 | Central Lockyer Water Supply Scheme | Clarendon Dam & Bill Gunn Dam currently 4.3% (down 0.5% from last month) | Announced allocation (surface water) | Morton Vale 0%, Medium Priority 0% (all zones) |
| | | | Announced allocation (groundwater) | Medium Priority 80%, Low Priority 60% |